PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER		see Form PCT/ISA/220
MXG-PB60501	ACTION	as well	as, where applicable, item 5 below.
International application No.	International filing date (day/month)	year)	(Earliest) Priority Date (day-month/year)
PCT/EP2004/010129	09/09/2004		12/09/2003
Applicant			
GLAXO GROUP LIMITED			
This International Search Report has been according to Article 18. A copy is being tra	n prepared by this international Search Insmitted to the international Bureau	hing Auth	ority and is transmitted to the applicant
This International Search Report consists	of a total of snee	its.	
It is also accompanied by	a copy of each prior art document cite	ed in this r	report.
Basis of the report			
a. With regard to the tanguage, the in language in which it was filed, unli	nternational search was carried out o ess otherwise indicated under this iter	n the basi n.	is of the international application in the
The international of this Authority (Rul	search was carried out on the basis of e 23.1(b)).	f a transla	tion of the international application furnished to
b. With regard to any nucleo	rtide and/or amino acid sequence d	isclosed i	n the international application, see Box No. I.
2. X Certain claims were four	nd unsearchable (See Box II).		
3. Unity of invention is lack	ting (see Box III).		
4. With regard to the title,			
the text is approved as sui	bmitted by the applicant.		
	hed by this Authority to read as follow		
QUINOLINE COMPOUNDS AN	D PHARMACEUTICAL COMPO	SITION	NS CONTAINING THEM
S. With regard to the abstract,			
the text is approved as sul	bmitted by the applicant.		
X the text has been establish	ned, according to Rule 38.2(h), by this	Authority	as It appears in Box No. IV. The applicant
may, within one month from	m the date of mailing of this internatio	inal searc	h report, submit comments to this Authority.
6. With regards to the drawings,			
a. the figure of the drawings to be p	ublished with the abstract is Figure No	o	
as suggested by t	he applicant.		
	Authority, because the applicant faile		
as selected by this	Authority, because this figure better	character	izes the invention.
b none of the figures is to be	published with the abstract.		

Form PCT/ISA/210 (first sheet) (January 2004)

Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)

This application relates to quinoline compounds of formula (I) having pharmacological activity, to processes for their preparation, to compositions containing them and to their use in the treatment of CNS and other disorders.

$$(R^{2})_{m}$$

$$(R^{3})_{n}$$

Form PCT/ISA/210 (continuation of first sheet (3)) (January 2004)

International Application No

PCT/EP2004/010129 A. CLASSIFICATION OF SUBJECT MATTER
1PC 7 C07D215/40 A61K31/4706 A61P25/18 A61P25/28 A61P25/22 A61P3/04 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 CO7D Documentation searched other than minimum documentation to the extent that such documents are included in the liebs searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, CHEM ABS Data C. DOCUMENTS CONSIDERED TO BE RELEVANT Category Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. WO 02/100822 A (JENMALM JENSEN ANNIKA ; Α 1.3 - 8MOTT ANDREW (SE); THOR MARKUS (SE); BIOVITRUM) 19 December 2002 (2002-12-19) page 3, line 10 - line 18; claims 1,17-24; tables I-VI Α WO 00/63203 A (ALLELIX BIOPHARMA) 1,3-8 26 October 2000 (2000-10-26) claims 1,17-20 US 6 251 893 B1 (SLASSI ABDELMALIK ET AL) Α 1.3 - 826 June 2001 (2001-06-26) claims 1,25,29,30 Further documents are listed in the continuation of box C. X Patent family members are listed in annex. Special categories of cited documents "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the *A* document defining the general state of the lart which is not considered to be of particular relevance. invention "E" earlier document but published on or after the international filing date "X" document of particular relevance: The claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is Taken alone "L" document which may throw doubts on printly claim(s) or which is cried to establish the publication date of another charlon or other special reason (as specified) "Y" document of particular relevance, the claimed invention cannot be considered to involve an invention step when its combined with one or more other such document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *O* document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 23 November 2004 06/12/2004 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentiaan 2 NL - 2280 HV Riswijk Tel (+31-70) 340-2040, Tx. 31 651 epo nl, Fax (+31-70) 340-3016

Hass, C

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International Application No
PCT/EP2004/010129

C.(Continu	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category ·	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
A	WO 03/042208 A (BOETTCHER HENNING; MERCK PATENT GMBH (DE); VAN AMSTERDAM CHRISTOPH (D) 22 May 2003 (2003-05-22) page 24, compound Ie claims 1,6-14	1,3-8
A	WO 03/037872 A (HAEBERLEIN MARKUS : SOHN DANIEL (SE); ASTRAZENECA AB (SE); DAVENPORT T) 8 May 2003 (2003-05-08) abstract; claims 1,41-43; examples 88-91,98-100	1.3-8
A	WO 03/037871 A (HAEBERLEIN MARKUS; SOHN DANIEL (SE); ASTRAZENECA AB (SE); DAVENPORT T) 8 May 2003 (2003-05-08) abstract; claims 1,41-43; examples 88-91,98-100	1,3-8
A	WO 00/42026 A (CORNELIS DE JONG JOHANNES; KODRA JANOS TIBOR (DK); PETTERSON INGRID V) 20 July 2000 (2000-07-20) cited in the application claims 1,51,52; examples	1,3,4
A,P	WO 03/080580 A (JOHNSON CHRISTOPHER NORBERT; WADE CHARLES EDWARD (GB); AHMED MAHMOOD) 2 October 2003 (2003-10-02) claims 1-20,22-30	1-8

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. X Claims Nos — Claims Nos because they relate to subject matter not required to be searched by this Authority, namely:
Although claim 8 is directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:
As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Protest The additional search fees were accompanied by the applicant's protest.
No protest accompanied the payment of additional search fees.

Form PCT/ISA/210 (continuation of first sheet (2)) (January 2004)

Information on patent family members

International Application No
PCT/EP2004/010129

					PCT/EP2004/010129		
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US	6251893	81	26-06-2001	AT AU CA WO DE DE DK EP ES JP	251163 T 765256 B2 4253199 A 2335285 A1 9965906 A1 69911798 D1 69911798 T2 1105393 T3 1105393 A1 2209525 T3 2003523922 T	15-10-2003 11-09-2003 05-01-2000 23-12-1999 23-12-1999 06-11-2003 01-07-2004 09-02-2004 13-06-2001 16-06-2004 12-08-2003	
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